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User Manual

VB5000SNA

Tai-Chi
Thermaltake

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Chapter1 Product Introduction

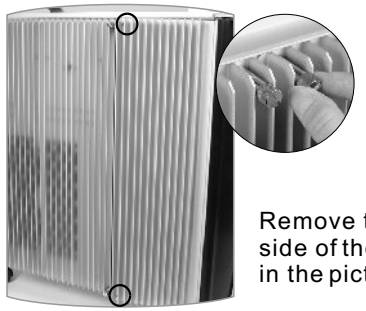
1.1 Specification

VB5000SNA

Model	Tai-Chi --- VB5000SNA
Case Type	Super Tower
Net Weight	**17.1 Kg**
Dimension	600 x 263 x 546 mm (H*W*D)
Cooling System	•Front (intake) : 120 x 120 x25 mm blue LED fan, 1300rpm, 17dBA, •Rear (Exhaust) : 120 x 120 x25 mm blue LED fan, 1300rpm 17dBA.
Drive Bays **-Front Accessible** **-Internal**	11 Up to 10 x 5.25" , 1 x 3.5" 3 x 3.5"
Material	**Aluminum Extrusion**
color	Silver & Black
Expansion Slots	7
Motherboards	Micro ATX, ATX, Extend ATX, BTX, Micro BTX, Pico BTX
BTX upgraded kits	SRM / Rear plate (option)
Features	• All aluminum extrusion built chassis • Compact and stylish chassis • BTX & ATX compatible • Better choice for upgrading liquid cooling system • Hydraulic side panel opening • Tool-free installation • Optimize internal space and airflow • Support to 11 5.25" drive bays • Relocate-able front control panel (Power, Reset switch, HDD & PWR LEDs) • Removable aluminum motherboard tray • Easy Lifting Handles

Chapter2 Case Mechanical Operation

2.1 How to open the side panel



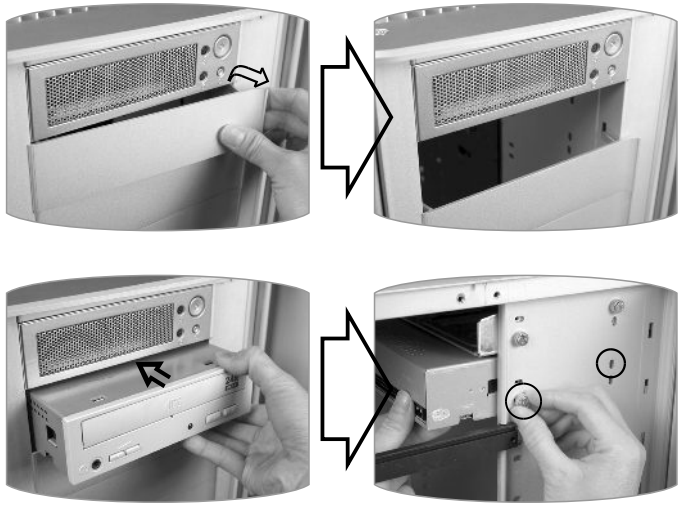
Remove two screws on the right side of the side panel displayed in the picture.

Holding the left side of side panel, remove the left side of the screw.

Caution!!!! The hydraulic lift holding the side panel will pop open when screw is not in place.

2.2 Installing 5.25" Device

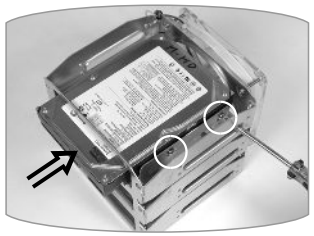
Remove the drive bay cover from the selected position, then insert the device into the 5.25" drive bay



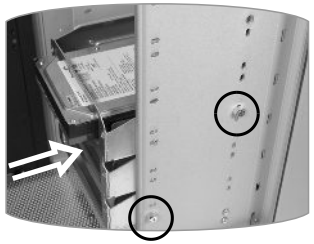
Finish installation

2.3 Installing 3.5" HDD (For 12cm Fan Cage)

Remove thumb screws at both side and remove the fan cage



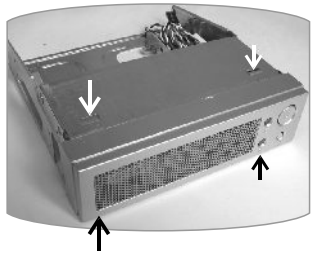
Insert HDD by sliding HDD into the 12 cm fan cage.
Secure HDD by tightening screws to HDD



Insert back the fan cage and tighten with thumb screws at both side.

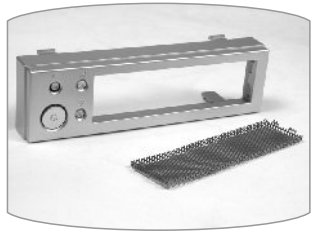
2.4 Installing 3.5" Device to Drive Tray With Power Button

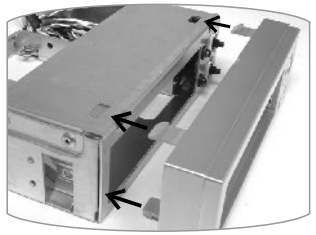
Remove and slide drive bay out-ward to remove.



Squeeze both top and bottom portion of drive tray cover picture to the left to remove cover.

Remove mesh from cover





Place cover back to drive tray to its original position. Insert 3.25" device and secure device with screw.

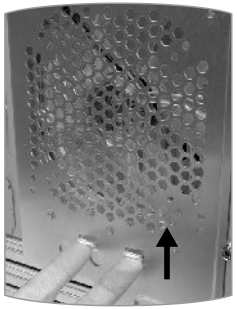
Insert the device tray pictured above and secure the device tray by thumb screws.

Drive tray with Power Button can be placed at any drive bay desired.

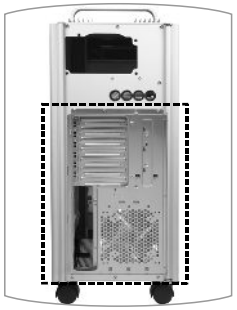
2.5 How to remove the fan & fan holder

12 cm rear fan

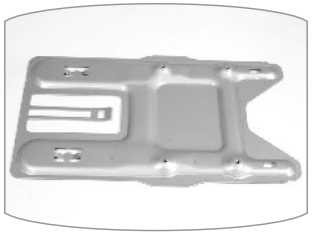
Push fan clip upward to loose fan,
then remove fan holder from inside



2.6 BTX Upgraded Kits



BTX rear plate

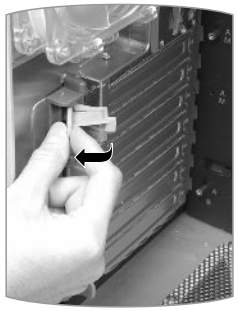


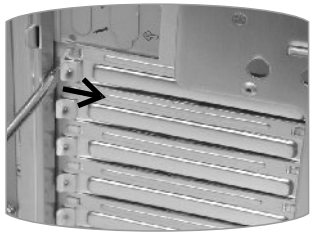
BTX SRM
(Supported Retention Module)

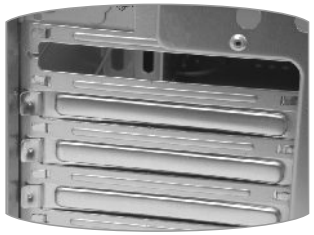
BTX upgraded kit box

2.7 PCI slot tool-free function operation

Open the plastic clip then take off the PCI bracket as follow.







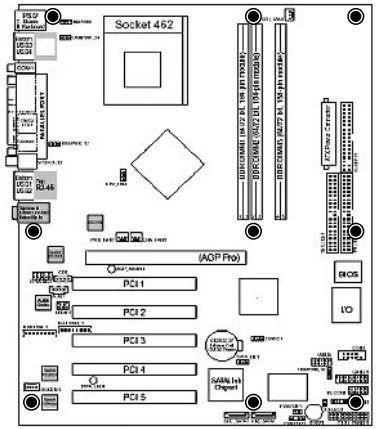
Chapter3 Motherboard & Leads Installation

3.1 Motherboard Installation

Each motherboard has different standoff layout. It is highly suggested that you refer to your motherboard's manual when installing motherboard into the case. The case is applicable with Extend-ATX、Standard ATX, Micro ATX motherboards. Your motherboard may require a special I/O Panel, which should be included with your motherboard.

Placement Direction:
When installing the motherboard, make sure you follow the direction provided by your motherboard manufacturer. On most standard motherboards, the edge with external ports goes to the rear part of the chassis. It is highly recommended that you install CPU, heat sink and modular components before fixing the motherboard inside the chassis.

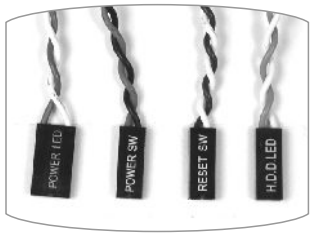
This side towards the rear of the chassis



= the locations of the screw holes. Note these locations and place included standoffs on the chassis first.

Above illustration is a sample of what the motherboard's layout. For more detail screw hole placement, please refer to your motherboard manual.

3.2 Case LED connections



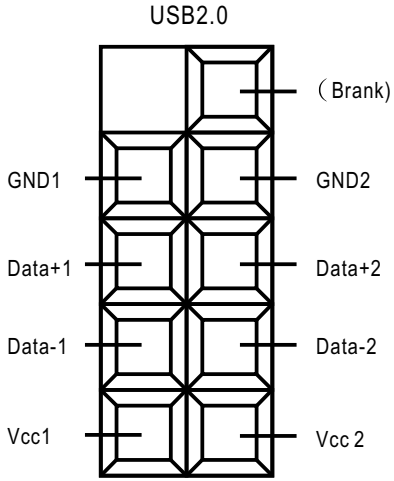
On the front of the case, you can find some LEDs and switch leads (POWER SW*1, POWER LED*1, H.D.D. LED*1, RESET SW*1). Please consult user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard. These leads are usually labeled; if not, please trace them back to the case front to find out their source.

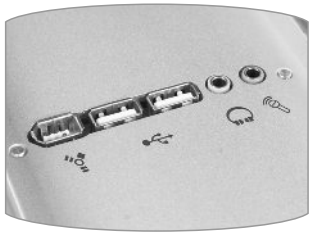
- ***POWER LED*** connects to your M/B at the PLED.
- ***POWER SW*** connects to the PWR connector on the motherboard.
- ***H.D.D LED*** connects to the 2-pin labeled HDD LED connector.
- **RESET SW** connects to the RSW connector on the motherboard.

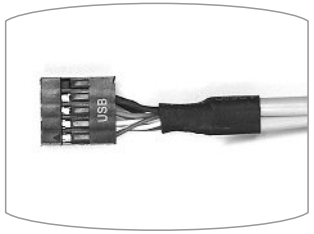
3.3 USB2.0 & IEEE1394 Firewire connection

USB connection

Please consult your motherboard manual to find out the section of "*USB connection*".

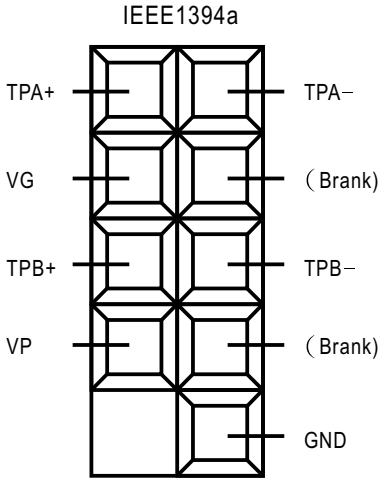


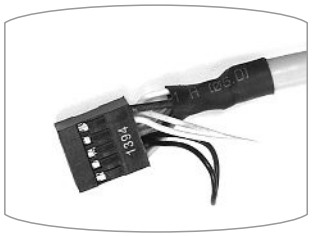




IEEE1394 Firewire connection

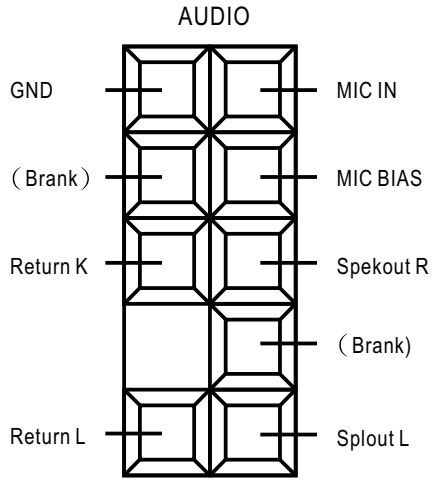
Please consult your motherboard manual to find out the section of "*IEEE1394 Firewire connection*".





3.4 Ear & MIC connections

Please consult your motherboard manual to find out the section of "front panel audio connector".



Chapter4 Other

4.1 Silent Purepower™ power supply (optional)

The Thermaltake Silent™ Purepower specification meets Intel Pentium 4 and AMD K7; it offers plenty of functions, which mainly include:

1.Automatic Fan Speed Control: The Silent Purepower™ power supply can detect the inside heat and automatically adjust the fan speed to provide adequate airflow.

2.Ultra Silent:Ball bearing fans with high reliability and super low acoustic noise under all load condition.

The functions can assure the Silent Purepower™ meet the balance in noise control and heat exhausted. The Silent Purepower™ provides complete protection function as follow:

1.Over thermal protection at 100 °C-105 °C
2.Short circuit protection on all output.
3.Over voltage protection / Under voltage protection.
4.Over current protection.

Besides, Thermaltake enables the quality assurance of the Silent Purepower™: 100% Hi-POT and ATE Function Test, 100% Burn-In and AC Input cycled on/off under high temperature condition. Furthermore, it has been approved by ***UL, CSA, TUV, VDE, NODIC, CB, FCC, CE, CNS.***

There are three main products of Thermaltake PSU, it is divided into standard, VR and specialty power supply unit. Please refer to http://www.thermaltake.com/purepower/main.htm